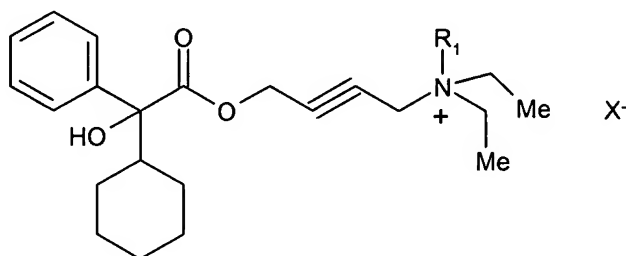


1. - 10. (Canceled)

11. (Currently amended) A ~~The~~ method of treating ~~a mammal for~~ asthma, Chronic Obstructive Pulmonary Disease, allergic rhinitis, or and infectious rhinitis in a mammal in need thereof, comprising:

administering to said mammal a therapeutically effective amount of a quaternary ammonium compound of the formula I, ~~having the structure~~



~~and any stereoisomers~~ or a stereoisomer thereof, wherein

R₁ is selected from C₁-C₆ alkyl, -CH₂-(C₁-C₄ alkenyl), and -CH₂-(C₁-C₆ alkynyl), each of which is optionally substituted with a group selected from phenyl, C₁-C₄ alkoxy, and hydroxyl; and

X ~~is~~ represents an anion of a pharmaceutically acceptable acid.